

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 062 004001		SERIAL NO.: 08/265,237							
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 CFR 1.98(b))				APPLICANT: Kjell G.E. Bäckström et al.									
				FILING DATE: June 23, 1994		GROUP: 1806							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER		ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
DR	AA	4	8	4	7	2	9	8	Jul 11 1989	Alexander et al.	514	565	
	AB	4	9	9	4	4	3	9	Feb 19 1991	Longenecker et al.	514	003	
	AC	5	0	0	6	3	4	3	Apr 9 1991	Benson et al.	424	450	
	AD	5	1	2	2	1	2	7	Jun 16 1992	Stanley	604	890.1	
	AE	5	1	7	9	0	7	9	Jan 12 1993	Hansen et al.	514	004	
	AF	5	2	0	0	3	9	3	Apr 6 1993	Weiner	514	003	
	AG	5	5	1	4	6	7	0	May 7 1996	Friedman et al.	514	002	
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION													
		DOCUMENT NUMBER		PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION					
								YES	NO				
	AH	W090/07333		12/07/90	PCT								
	AI	W092/08446		29/05/92	PCT								
	AJ	EP 0 023 359 A2		04/02/81	Europe								
	AK	GB 837,465		15/06/60	Great Britain								
	AL	DK DD 261 096 A1		19/10/88	Germany			X					
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
	AM	Almer et al., Insulin Inhalation - At Last A Break-Through, Diabetes Res. Clin. Pract. 5:5163-POS-001-169, 1988.											
	AN	Bjork, Starch Microspheres as a Nasal Delivery System for Drugs, ACTA Univ. Upsaliensis, UPPSALA, Comprehensive Summaries of Uppsala Dissertations from the Faculty of Pharmacy, 103: parts 1-5, 1993.											
	AO	Chandler et al., Nasal Absorption in Rats. II. Effect of Enhancers on Insulin Absorption and Nasal Histology, Int'l J. Pharmaceutics, 76:61-70, 1991.											
	AP	Cutie et al., The Role of Dispersing Agents in Inhalation and Intranasal Aerosol Suspensions, Aerosol Age, pp. 52-54, 1985.											
	AO	Dahlback et al., Regional Administration of Drugs to the Rabbit Respiratory Tract, Effects on Absorption, J. Aerosol Medicine, 7th International Congress on Aerosols in Medicine, Sept. 1988, p. 222.											
	AR	Dahlback et al., Deposition of Tracer Aerosols in the Rabbit Respiratory Tract, J. Aerosol Sci., Vol. 18, No. 6. pp. 733-736, 1987.											
EXAMINER		David Litten			DATE CONSIDERED			12/16/03					
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA							
BB							
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
BC							
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
Q	BD	Gordon et al., Nasal Absorption of Insulin: Enhancement by Hydrophobic Bile Salts, Proc. Nat'l. Acad. Sci. USA, 82:7419-23, 1985.					
	BE	Lee et al., Mucosal Penetration Enhancers For Facilitation of Peptide and Protein Drug Absorption, Critical Reviews in Therapeutic Drug Carrier Systems, 8(2):91-192, 1991.					
↓	BF	Ruin, Diabetics May Not Need Their Insulin Shots, article in Sydsvenska (Dagbladet), Monday, June 12, 1989. (English translation attached)					
	BG	Schanker et al., Species Comparison of Drug Absorption from the Lung After Aerosol Inhalation or Intratracheal Injection, Drug Metabolism & Disposition, Vol. 14, pp. 79-88, 1986.					
↓	BH	Wearley, Recent Progress in Protein and Peptide Delivery by Noninvasive Routes, Critical Reviews in Therapeutic Drug Carrier Systems, 8(4):331-94, 1991.					
	BI	Yoshida et al., Absorption of Insulin Delivered to Rabbit Trachea Using Aerosol Dosage Form, J. Pharm. Sci. 68:670, 1979.					
EXAMINER	David L. L. L.			DATE CONSIDERED 12/16/03			
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